

Rabbit Anti-DEFB132 antibody

SL14257R

Product Name DEFB132

Chinese Name 防御素 β -132/ β -defensin 132 抗体

Alias BD-32; beta 132; Beta-defensin 132; Beta-defensin 32; DB132_HUMAN; DEFB-32; DEFB132; Defensin; Defensin HEL-75; UNQ827.

Research Area Cell biology immunology The cell membrane 蛋白

Immunogen Species Rabbit

Clonality Polyclonal

React Species (predicted: Human,)

IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Applications (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 8.3kDa

Cellular localization cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human DEFB132: 23-95/95

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Beta-defensins are small cationic peptides with broad-spectrum antimicrobial activity against a

Detail

variety of enveloped viruses, fungi and bacteria. Produced in mucosal epithelia and neutrophils of several species, Beta-defensins are developmentally regulated. The family of Beta-defensin proteins share a common defensin-motif that is characterized by multiple cysteine residues and a highly conserved tertiary structure. Besides playing a significant role in host immune defense, many Beta-defensins also are involved in sperm maturation and capacitation. Beta-defensin 32, also known as Beta-defensin 132, is a 95 amino acid secreted protein that most likely contains a signal peptide sequence that requires cleavage by proteolytic enzymes in order to become biologically active.

Function:

Has antibacterial activity.

Subcellular Location:

Secreted.

Similarity:

Belongs to the beta-defensin family.

SWISS:

Q7Z7B7

Gene ID:

400830

Database links:

[Entrez Gene: 400830](#) Human

[SwissProt: Q7Z7B7](#) Human

[Unigene: 516819](#) Human